SECTION 1: Product and Company Identification

1.1. Product Identifier

Product form : Mixture

Trade name : STORGARD® Khapra and Warehouse Beetle QUICK-CHANGE DOME

Scientific name : *Trogoderma granarium/Trogoderma variabile*

1.2. Relevant identified uses of the substance or mixture and uses advised against

1.2.1. Relevant identified uses

Use of the substance/preparation: Monitoring for Khapra and Warehouse Beetles

1.2.2. Uses advised against

No additional information available

1.3. Details of the supplier of the safety data sheet

Trece, Incorporated
7569 Hwy 28 W
PO Box 129
Adair, OK 74330
Phone: 1-(918) 785-3061
Email: custserv@trece.com
Website: www.trece.com

1.4 Emergency telephone number

Emergency numbers : (918)-785-3061; (866)-785-1313 (Trece, Inc.)
: (800)-424-9300 (CHEMTREC)
: (800)-222-1222 (National Poison Information Center)

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Hazard Class	Category	Hazard Statement
Not Classified	**NA**	**NA**

Adverse physicochemical, human health and environmental effects

No additional information available

2.2. Label elements

Hazard pictograms (CLP) : Not Applicable
Signal word : Not Applicable
Hazard statements : Not Applicable
Precautionary statements (prevention) : Not Applicable
Precautionary statements (response) : Not Applicable
Precautionary statements (disposal) : Not Applicable

2.3. Other hazards

None known

SECTION 3: Composition/information on ingredients

3.1. Substance

Not applicable

3.2. Mixture

Name	Product identifiers	%/wt.
Kairomone (Natural Plant Oils)		<1%
14-methyl, (*Z*)-8-hexadecenal	(CAS No.) 60609-53-2	<1%
Other ingredients	N/A	>99%

**Active ingredients loaded into a plastic polymer-controlled release cup lure. The kairomone is placed on absorbent pad at bottom of oxygen barrier tray. Exposure potential to the active ingredients is minimal.*

SECTION 4: First aid measures

4.1. Description of first aid measures

Eye exposure : Flush with water for 15 minutes. Seek medical help if necessary.

Skin exposure : Wash area well with water. Seek medical help if necessary.

Inhalation : Remove to fresh air. Give oxygen and call a physician.

Ingestion : Administer water and call a physician or poison control center immediately. Do not induce vomiting.

4.2. Most important symptoms and effects, both acute and delayed

Symptoms/injuries : No information available
Risks : No information available

4.3. Indication of any immediate medical attention and special treatment needed

No additional information available

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media : Carbon dioxide (CO_2), foam, dry chemical
Unsuitable extinguishing media : High volume water jet (water contamination risk from runoff)

5.2. Special hazards arising from the substance or mixture

Fire hazard : None

Explosion hazard : Product is not explosive
Reactivity : The product is stable at normal handling and storage conditions

5.3. Advice for firefighters

Firefighting instructions : Use standard firefighting procedures.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

General measures : Wear appropriate personal protective equipment (PPE): Eye protection, and gloves. Sweep up or scoop up dispensers. Put in appropriate container and dispose according to Local, State or Federal regulations.

6.1.1. For non-emergency personnel

Protective equipment : Not applicable

6.1.2. For emergency responders

Protective equipment : Not applicable

6.2. Environmental precautions

Not applicable

6.3. Methods and material for containment and cleaning up

Methods for cleaning up : Incineration or sanitary landfill in accordance with local, state, and federal regulations.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Precautions for safe handling : Wash hands thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco, or using the toilet.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions : Store in tightly closed, original container. Store in a cool, dry place at a temperature below 40 °F. Keep separated from incompatible substances. Keep out of the reach of children.

7.3. Specific end use(s)

For use in insect monitoring traps.

SECTION 8: Exposure controls/personal protection

8.1. Personal protective equipment

Eye/Face Protection: Not normally required.

Skin Protection: Not normally required.

Respiratory Protection: Not normally required.

General Hygiene Considerations: Personal hygiene is an important work practice exposure control measure and the following general measures should be taken when working with or handling this material: 1) do not store, use and/or consume foods, beverages, tobacco products, or cosmetics in areas where this material is stored; 2) wash hands carefully before eating, drinking, using tobacco, applying cosmetics or using the toilet.

8.2. Exposure controls

Exposure limits have not been established for any of the ingredients in this product.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state	:	Solid shapes
Color	:	White
Odor	:	Powerful, waxy
Odor threshold	:	No data available
pH (1%)	:	No data available
Relative evaporation rate (butyl acetate=1)	:	No data available

Melting point	:	No data available
Freezing point	:	No data available
Boiling point	:	Not applicable
Flash point	:	Not applicable
Self-ignition temperature	:	No data available
Decomposition temperature	:	No data available
Flammability (solid, gas)	:	Non-flammable
Vapor pressure	:	No data available
Relative vapor density at 20 °C	:	No data available
Relative density	:	No data available
Density/bulk density	:	No data available
Solubility	:	Insoluble in water
Log Pow	:	No data available
Log Kow	:	No data available
Viscosity, kinematic	:	Not applicable
Explosive properties	:	Not explosive
Oxidizing properties	:	No oxidizing properties
Explosive limits	:	Not applicable

9.2. Other information

No additional information available

SECTION 10: Stability and reactivity

10.1. Reactivity

The product is stable at normal handling and storage conditions.

10.2. Chemical stability

Stable under normal conditions.

10.3. Possibility of hazardous reactions

No additional information available

10.4. Conditions to avoid

Protect from excessive heat, sparks and open flame.

10.5. Incompatible materials

Acids, strong oxidizers

10.6. Hazardous decomposition products

Hazardous decomposition products may be released during fire or exposure to extreme heat, including oxides of carbon and aromatic/aliphatic hydrocarbons.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Pheromone mixture	
LD50 oral rat	Not available
LD50 dermal rabbit	Not available
LC50 inhalation rat (4 h)	Not available

Irritation	:	No data available
Corrosivity	:	No data available
Sensitization	:	No data available
Repeated dose toxicity	:	No data available

Carcinogenicity : Not listed as a carcinogen by IARC, NTP, OSHA, or ACGIH
Mutagenicity : Not considered to be a mutagen
Toxicity for reproduction : Not considered a reproductive toxin

SECTION 12: Ecological information

12.1. Toxicity

Pheromone mixture	
Fish (Rainbow Trout 96 hr.)	Not available
Daphnia (48 hr.)	Not available
Acute toxicity to Honey bees	Not available
Acute toxicity to Birds (acute oral)	Not available

12.2. Persistence and degradability
Active ingredients readily degrade to carbon dioxide and water.

12.3. Bioaccumulative potential
Does not bioaccumulate.

12.4. Mobility in soil
No additional information available

12.5. Results of PBT and vPvB assessment
No additional information available

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Disposal: Wastes resulting from the use of this product must be disposed of on site or at an approved incineration or sanitary landfill in accordance with local, state and federal regulations.

Container disposal: Contaminated packaging material should be treated as the product. Do not reuse or refill this container.

SECTION 14: Transport information

Not Regulated by US DOT
Not Regulated by Canadian TDG for ground shipment

In accordance with ADR / RID / IMDG / IATA / AND

14.1. UN number
Not applicable – Not a dangerous good with respect to transport regulations

14.2. UN proper shipping name
Not applicable

14.3. Transport hazard class(es)
Not applicable

14.4. Packing group
Not applicable

14.5. Environmental hazards

Other information : No supplementary information available.

14.6. Special precautions for user

14.6.1. Overland transport

Not regulated

14.6.2. Transport by sea

Not regulated

14.6.3. Air transport

Not regulated

14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not applicable

SECTION 15: Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

15.1.1. National regulations

US EPA (FIFRA) Information:

SARA 313 Regulated Chemical(s): Not applicable

Title III hazard classification:
Acute Health Hazard: No
Chronic Health Hazard: No
Fire: No
Reactivity/Physical hazard: No
Pressure: No

CERCLA/DOT Reportable Quantities (RQ)
Not applicable

Canadian Regulatory Information:
This product has been classified in accordance with the hazard criteria of the CPR and the MSDS contains all the information required by the CPR. WHMIS Classification: Not a WHMIS Controlled Product.

SECTION 16: Other information

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